GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:325
ANSWERED ON:08.12.2016
Power Projects
Reddy Shri J.C. Divakar

Will the Minister of POWER be pleased to state:

(a) the number of thermal and hydro power projects in the country and quantum of power produced during the last three years and the current year, source-wise;

(b) the details of power projects in the pipeline and quantum of power likely to be produced by them;

(c) the quantum of domestic and imported coal used for power production in the country during the above period;

(d) whether any assessment has been made of the quantum of imported or domestic coal likely to be used for power production during the next three years and if so, the details thereof; and

(e) the steps taken to augment power availability at household level?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) to (e) : A Statement is laid on the Table of the House.

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STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO.325 TO BE ANSWERED IN THE LOK SABHA ON 08.12.2016 REGARDING POWER PROJECTS.
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(a) : As on 31st October, 2016, there are 261 Thermal and 177 Hydro Power projects in the country. The source-wise details of power produced by these plants during the last three years and the current year is given at Annex−I.

(b) : At present, 143 Thermal units having a capacity of 73728.4 MW are in the pipeline and the quantum of power to be produced by these power plants in a year at National Average Plant Load Factor of 59.17% (from April to October 2016) will be 387 BU approximately. The details of the same are given at Annex-II.

At present, there are 44 hydro units having a capacity of 13,182 MW in the pipeline. The quantum of power to be produced by Hydro projects is dependent on availability of water. However, the energy potential of these 44 hydro units is 49.9 BU as per Design Energy. The details of the same are given at Annex−III.

(c) : The quantum of domestic and imported coal consumed for power production, as reported by power plants to the Central Electricity Authority (CEA) during the last three years and the current year is given at Annex-IV.

(d) : The assessment of the quantum of domestic and imported coal based on the generation target is fixed on an annual basis. As per the assessment, 48 MT of imported coal for imported coal based power plants and 552 MT of domestic coal for other power plants would be required to meet the generation target for the year 2016-17.

(e) : The following steps have been taken to augment power availability in the country including at household level:

(i) During the 12th Plan period (2012-17), a capacity addition of about 88928.2 MW against the target of 88537 MW from the conventional sources have been achieved till 31st October, 2016 and about 21,128 MW as against the target of 30000 MW from renewable sources have been achieved till 30th September, 2016.

(ii) Adequate supply of the domestic coal to power plants has been ensured. The growth of domestic coal supply to power plants has been around 6.2% during 2015-16.

(iii) During the 12th Plan period (2012-17), 1,00,468 ckm as against the target of 1,07,440 ckm of transmission lines and 2,88,458 MVA as against the target of 2,82,750 MVA of transformation capacity have been completed till 31st October, 2016.

(iv) The Government of India has taken an initiative to prepare State specific Action Plans for providing 24X7 Power For All (PFA) in partnership with the States.

(v) Two new schemes have been launched by the Government of India, namely, Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS) for strengthening of sub-transmission and distribution networks and for segregation of agricultural feeders to give adequate and reliable supply and reduce line losses.

(vi) The Government of India has taken several steps to promote energy conservation, energy efficiency and other demand side management measures.

(vii) The Central Government has notified Ujjwal Discom Assurance Yojana (UDAY) scheme on 20.11.2015 for Operational & Financial Turnaround of DISCOMs.

(viii) Government of India has taken steps for expeditious resolution of issues relating to Environmental and forest clearances for facilitating early completion of generation and transmission projects.

(ix) The Government of India has launched a scheme by providing support from Power System Development Fund (PSDF) for operationalisation of stranded gas based generation.

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